

ABSTRACT

A recording head including outlets disposed in a staggered pattern so that the distances from an ink inlet to the outlets differ alternately for adjacent outlets. A recording head includes an outlet group including a plurality of outlets on at least one side of an ink inlet. The outlet group includes first outlets and second outlets, wherein the distance from the ink inlet to the first outlets differs from the distance from the ink inlet to the second outlets.

First recording elements and second recording elements including heat resistors are provided. The first recording elements and second recording elements correspond to the first outlets and the second outlets, respectively, and are disposed in first ink channels and second ink channels, respectively. The first recording elements are rectangular, whereas the second recording elements are substantially square.